

1

David is raising money for charity.

His target is to raise £1500

So far he has raised £468.37

How much **more** does David need to raise to reach his target?

£31.63 to £500

£ 1031.63

1 mark

2

George and Henry buy some cans of soda.

George buys a pack of 12 cans for £4.90

Henry buys 12 single cans for 49p each.

How much more does Henry pay than George?

Show Your method	4 9	4 ⁴ 8 8	
	x 1 2	- 4 9 0	
	<u>9 8</u>	9 8	
	4 9 0		
	<u>5 8 8</u>		£ 0.98

2 marks

3

On a map, 1cm represents 500m.

The distance between two cities is **12km**.

On the map, what is the distance between the two cities?

Show Your method	1 cm = 500 m	
	2 cm = 1 km	
	24 cm = 12 km	
		24 cm

2 marks

4

On a map, 1cm represents 40km.

The distance between two cities is **500km**.

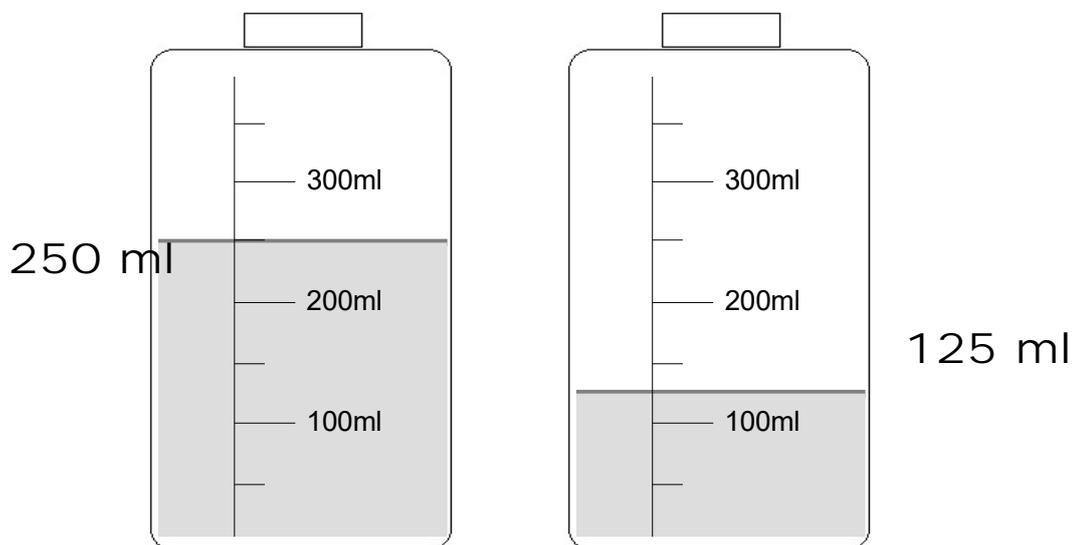
On the map, what is the distance between the two cities?

Show Your method	$1 \text{ cm} = 40 \text{ km}$	<div style="border: 1px solid black; padding: 10px; width: fit-content; margin: 0 auto;">12.5 cm</div>
	$10 \text{ cm} = 400 \text{ km}$	
	$2 \text{ cm} = 80 \text{ km}$	
	$0.5 \text{ cm} = 20 \text{ km}$	
	$12.5 \text{ cm} = 500 \text{ km}$	

2 marks

5

Cindy has **600 millilitres** of water in a jug. She pours some water into two bottles as shown.



How many millilitres of water are left in Cindy's jug?

Show Your method	$250 + 125 = 375 \text{ ml}$	<div style="border: 1px solid black; padding: 10px; width: fit-content; margin: 0 auto;">225 ml</div>
	$600 - 375 = 225 \text{ ml}$	

2 marks

6

Onions cost 75p per kilogram.
Potatoes cost 90p per kilogram.

Phoebe is going to buy 2 kg of onions and $2\frac{1}{2}$ kg of potatoes.

How much **change** does she get from **£5**?

Show Your method	Onions: $75\text{p} \times 2 = \text{£}1.50$	$\text{£}1.50 + \text{£}2.25 = \text{£}3.75$
	Potatoes: $90\text{p} \times 2.5$	$\text{£}5 - \text{£}3.75 = \text{£}1.25$
	$2 \times 90 = 1.80$	
	$0.5 \times 90 = 0.45$	
	$2.5 \times 90 = 2.25$	
		£ 1.25

2 marks

7

Jane is organising refreshments for sports day. She has 10 litres of water and 24 cups.

She is going to pour 225 millilitres of water into each cup to give away to runners.

How much water will Jane have left over?

Show Your method	$\begin{array}{r} 225 \\ \times 24 \\ \hline 900 \\ 4500 \\ \hline 5400 \end{array}$	
	5.4 litres	$10 - 5.4 = 4.6$
		4.6 litres or 4600 ml

3 marks